LEDVANCE

LED ECO CLA GEN7

We bring innovation to light!

Product licensee of trademark
OSRAM in general lighting

OSRAM

Over temperature protection

LED ECO CLA GEN7

Key Features

- Wattage measured at 220VAC 50HZ
- Comfortable light which brings instant nice ambiance
- Reliable quality created by over 100 years lighting brand
- Long lifespan 12,000hrs

Benefits

- Up to 88% Energy Saving
- Over temperature protection
- Suitable for E27/B22d fixtures
- UV and IR radiation free, mercury free

Application Notice

- Suitable for indoor application
- Switch off the light during installation
- Input voltage: 220-240V
- Frequency: 50-60Hz
- Not for use with dimmers
- Not for use with closed or tight fixtures
- Storage temperature & humidity conditions (-20°C up to +80°C, at max. 95% relative humidity)
- Operating temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)

Lamp conformity

- IEC 62560 Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications
- IEC 62471/ GB/T20145 Photo biological safety of lamps
- EN 55015(CISPER 15: 2013 +A1:2015) Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
- EN 61000-3-2 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection
- IEC60061 Lamp caps and holders together with gauges for the control of interchangeability and safety

Disposal information

- Lamps with WEEE sign can be returned at specific collection points.
- LED lamps have to be disposed as special waste.

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CLA E27 Base

Item name	Product number (EAN)	W [1]		lm [1]	K	Ra	[2]		[mm]	d [mm]	t [h] [3]
LED ECO CLA 5W	4058075246065	5	E27	360	3000	80	NO	200	95	55	12000
LED ECO CLA 5W	4058075246126	5	E27	400	6500	80	NO	200	95	55	12000
LED ECO CLA 7W	4058075246188	7	E27	500	3000	80	NO	200	103	58	12000
LED ECO CLA 7W	4058075246249	7	E27	560	6500	80	NO	200	103	58	12000
LED ECO CLA 9W	4058075246300	9	E27	650	3000	80	NO	200	108	60	12000
LED ECO CLA 9W	4058075246362	9	E27	720	6500	80	NO	200	108	60	12000
LED ECO CLA 12W	4058075246423	12	E27	860	3000	80	NO	200	118	60	12000
LED ECO CLA 12W	4058075246485	12	E27	960	6500	80	NO	200	118	60	12000
LED ECO CLA 14W	4058075583757	14	E27	1080	3000	80	NO	200	118	60	12000
LED ECO CLA 14W	4058075583818	14	E27	1200	6500	80	NO	200	118	60	12000

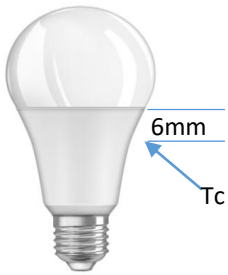
CLA B22d Base

LED ECO CLA 5W	4058075246096	5	B22d	360	3000	80	NO	200	95	55	12000
LED ECO CLA 5W	4058075246157	5	B22d	400	6500	80	NO	200	95	55	12000
LED ECO CLA 7W	4058075246218	7	B22d	500	3000	80	NO	200	103	58	12000
LED ECO CLA 7W	4058075246270	7	B22d	560	6500	80	NO	200	103	58	12000
LED ECO CLA 9W	4058075246331	9	B22d	650	3000	80	NO	200	113	60	12000
LED ECO CLA 9W	4058075246393	9	B22d	720	6500	80	NO	200	113	60	12000
LED ECO CLA 12W	4058075246454	12	B22d	860	3000	80	NO	200	118	60	12000
LED ECO CLA 12W	4058075246515	12	B22d	960	6500	80	NO	200	118	60	12000
LED ECO CLA 14W	4058075583788	14	B22d	1080	3000	80	NO	200	118	60	12000
LED ECO CLA 14W	4058075583849	14	B22d	1200	6500	80	NO	200	118	60	12000

Energy saving at a glance

LED	Incandescent
5W	40W
7W	60W
9W	75W
12W	90W
14W	100W

T case temperature definition



5W&7W Tc Max: ≤90℃
9W&12W Tc Max: ≤95℃
14W Tc Max: ≤100℃

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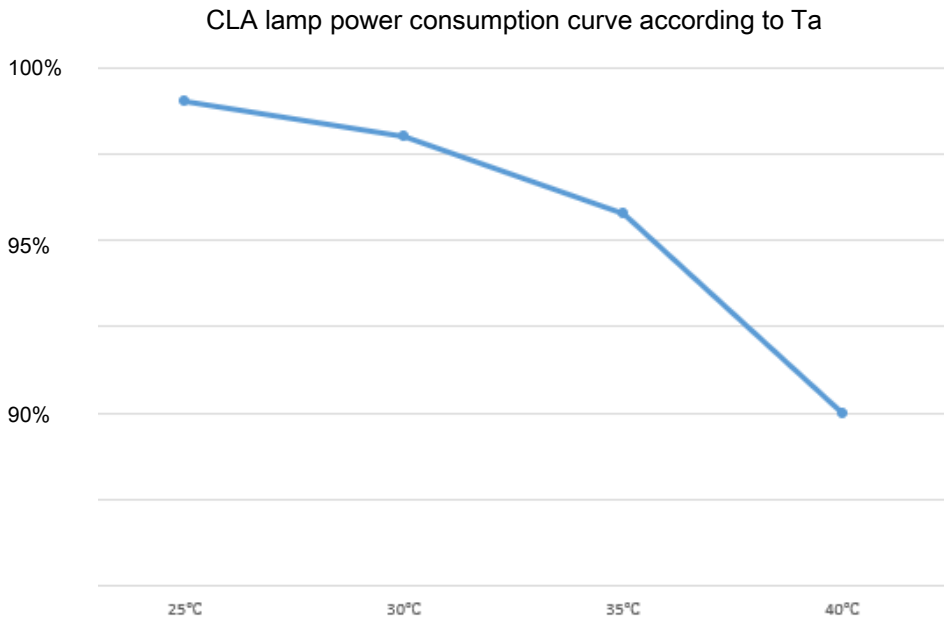
Over temperature protection

LEDVANCE LED ECO CLA has over temperature protection function. When ambient temperature goes too high, LEDVANCE LED ECO CLA will reduce power consumption automatically in order to prevent product early failure that caused by overheat.



1. All technical parameters apply to the entire lamp. Because of the complex manufacturing process for light-emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value
2. LED lamps can be operated with a wide variety of commercially-available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there
3. L70B50 is the average operating life of the LED Lamp during which the luminous flux is greater than or equal to 70% of the initial luminous flux, for 50% of the population. The lifetime is estimated at room temperature (25deg C), free air burning, base up position and at rated voltage
4. The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)